

## **REMARKS/ARGUMENTS**

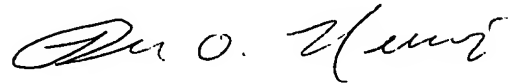
Claims 36-38 were rejected in parent application 09/514,452. Applicants canceled Claims 36-38 in the parent application to expedite issuance of allowed Claims 1-27 but specifically stated that they would file a continuation application to further pursue the allowance of rejected Claims 36-38. By this continuation application and amendment, Applicants now wish to pursue the allowance of Claims 36-38.

Claims 36-38 were rejected in the parent application under 35 U.S.C. 103(a) as being unpatentable over Klein et al. ("Zero Forcing and Minimum Mean-Square-Error Equalization for Multiuser Detection in Code-Division Multiple Access Channels") in view of Naguib (U.S. Pat. No. 6,178,196) and further in view of Mohr ("UTRA FDD and TDD, a harmonized proposal for IMT-2000").

In contrast, Claims 36-38 recited "a filter circuit coupled to receive a sequence of predetermined signals from a first and a second remote antenna, wherein the sequence of predetermined signals comprises a code sequence, and wherein **a first shift of the code sequence corresponding to the first remote antenna and a second shift of the code sequence corresponds to the second remote antenna**, the filter circuit producing an output signal in response to the data signals." (emphasis added). Referring to Figure 5B, "In the present invention, the first two time shifts 511-512 are allotted for channel estimates for antenna 1 and antenna 2, respectively, of the broadcast channel". Applicants fail to find any teaching or suggestion of this limitation in any of the cited references. If the Examiner maintains this rejection, Applicants respectfully request the Examiner to specifically point out the above-identified limitation in the reference.

In view of the foregoing, Applicants respectfully request allowance of Claims 36-38 at the earliest possible time.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Ron O. Neerings".

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